

Title (en)

ACCELERATOR PEDAL FOR ELECTRONIC THROTTLE ACTUATION SYSTEM.

Title (de)

GASPEDAL FÜR EIN ELEKTRONISCHES DROSSELBETÄTIGUNGSSYSTEM.

Title (fr)

PEDALE D'ACCELERATEUR POUR SYSTEME DE COMMANDE ELECTRONIQUE D'ETRANGLEUR.

Publication

**EP 0491752 B1 19941130 (EN)**

Application

**EP 90913202 A 19900910**

Priority

- EP 9001523 W 19900910
- US 40863689 A 19890918

Abstract (en)

[origin: US4944269A] Improvements for imparting hysteresis, or dampening, to the shaft of a pedal assembly for an electronic throttle actuation system so that the feel of the pedal simulates the feel of a strictly mechanical system. Pads are resiliently urged against a disk in one embodiment, the disk being affixed to the pedal shaft. In another embodiment, metal rings are resiliently urged against friction rings on the disk.

IPC 1-7

**B60K 26/02**; **G05G 1/14**; **G05G 5/03**

IPC 8 full level

**B60K 26/02** (2006.01); **B60K 26/04** (2006.01); **F02D 11/02** (2006.01); **G05G 1/00** (2006.01); **G05G 1/30** (2008.04); **G05G 5/03** (2006.01)

CPC (source: EP US)

**B60K 26/021** (2013.01 - EP US); **B60K 26/04** (2013.01 - EP US); **F02D 11/02** (2013.01 - EP US); **G05G 5/03** (2013.01 - EP US); **Y10T 74/20534** (2015.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**US 4944269 A 19900731**; CA 2067117 A1 19910319; DE 69014645 D1 19950112; DE 69014645 T2 19950504; EP 0491752 A1 19920701; EP 0491752 B1 19941130; JP H04504238 A 19920730; JP H0624888 B2 19940406; WO 9104165 A1 19910404

DOCDB simple family (application)

**US 40863689 A 19890918**; CA 2067117 A 19900910; DE 69014645 T 19900910; EP 9001523 W 19900910; EP 90913202 A 19900910; JP 51216390 A 19900910